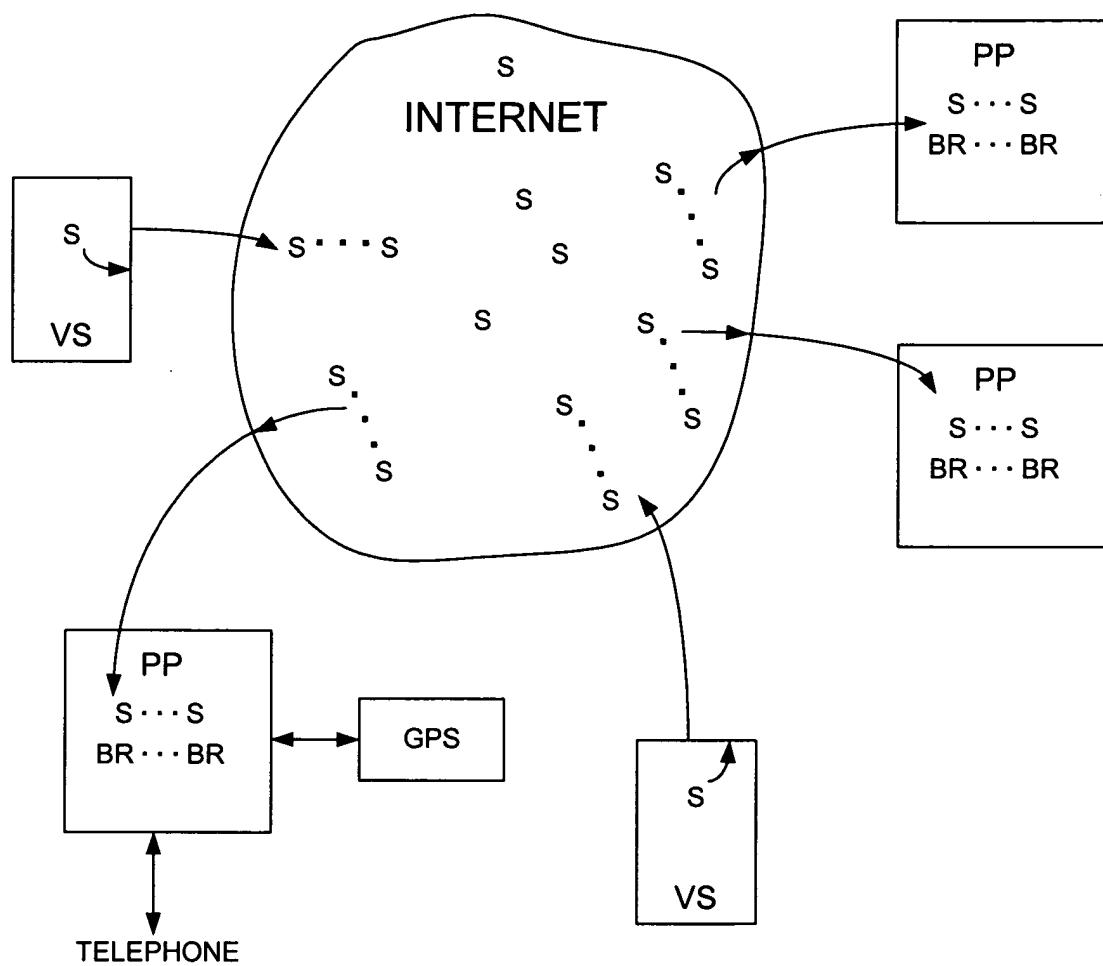


PP = PERSONAL PAGE
→ INDICATES NETWORK ACCESS
⇒ INDICATES SOFTWARE ACCESS

FIG. 1A

REPLACEMENT SHEETS



PP = PERSONAL PAGE
VS = VENDOR SITE
S = VENDOR SCRIPT
BR = BIDDING RULE

FIG. 1B

REPLACEMENT SHEETS

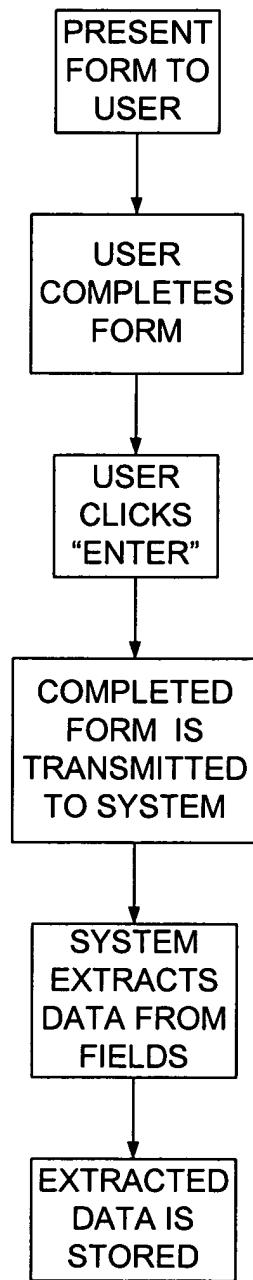


FIG. 2

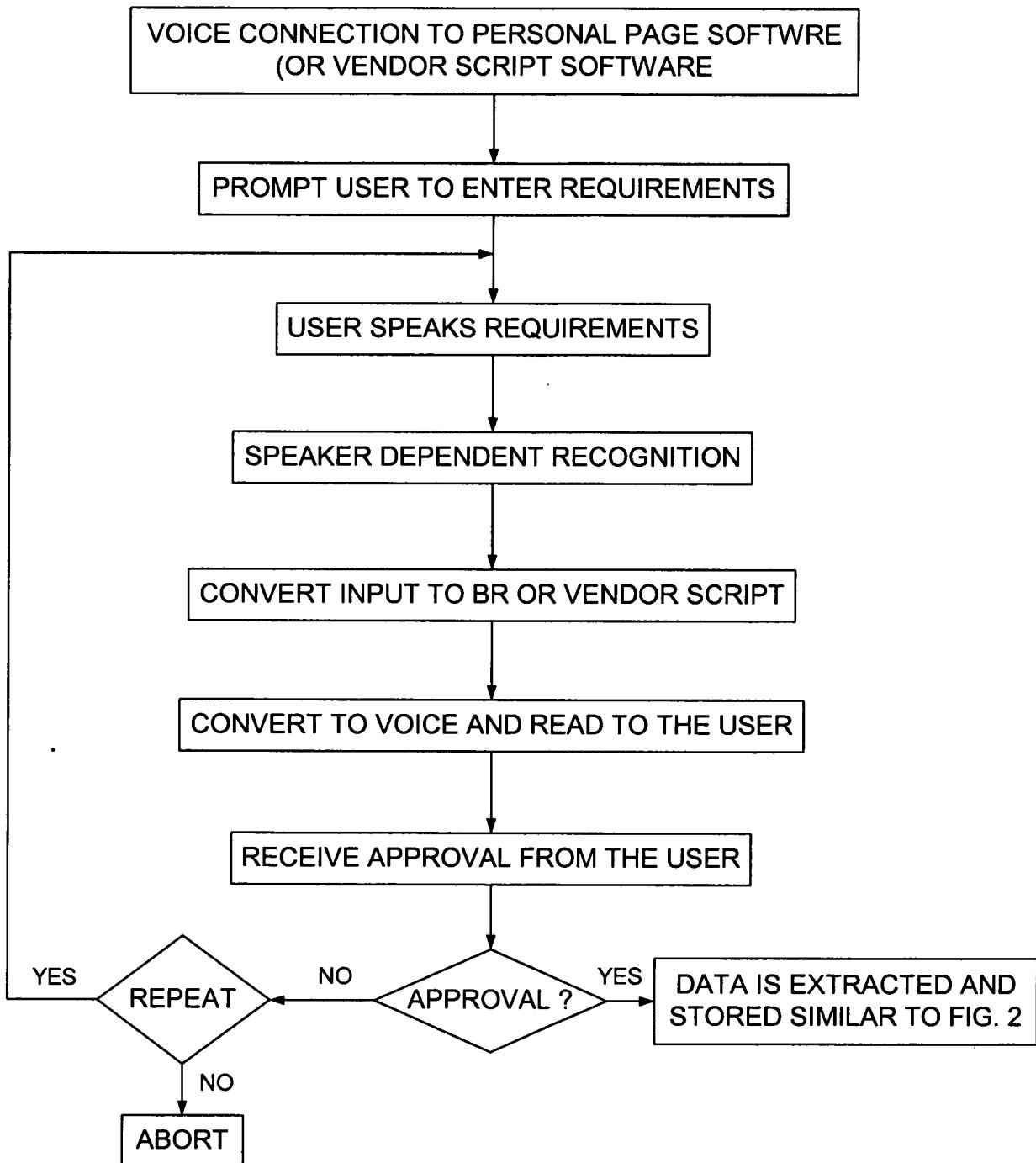


FIG. 3

REPLACEMENT SHEETS

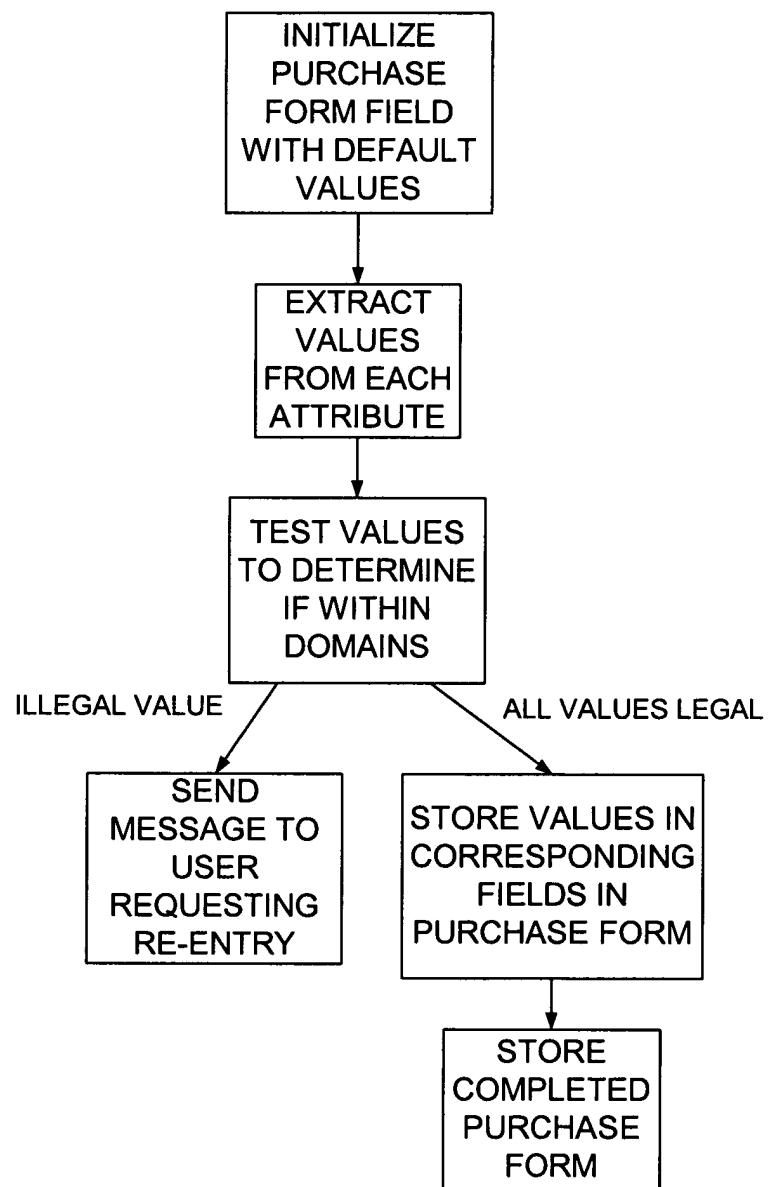


FIG. 4

REPLACEMENT SHEETS

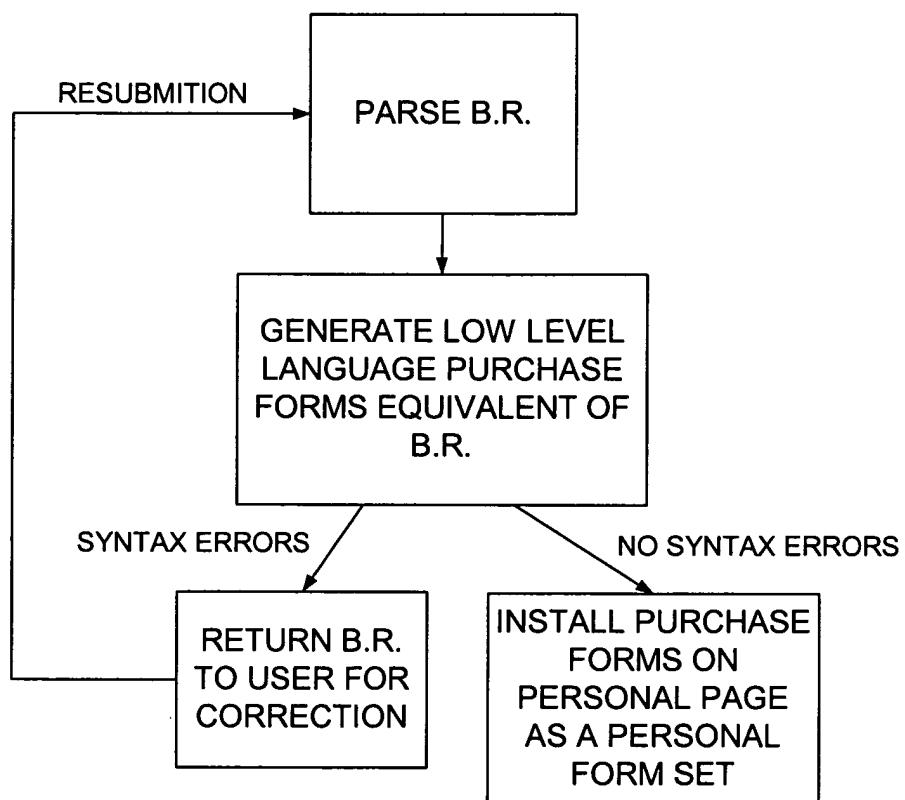


FIG. 5

REPLACEMENT SHEETS

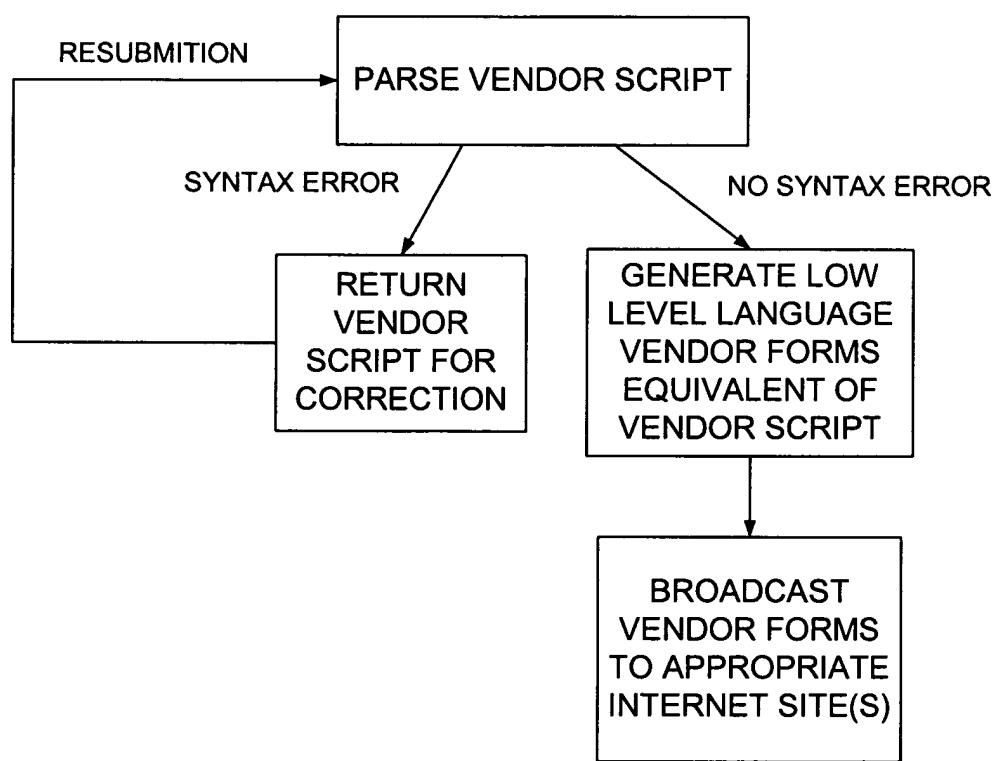


FIG. 6

REPLACEMENT SHEETS

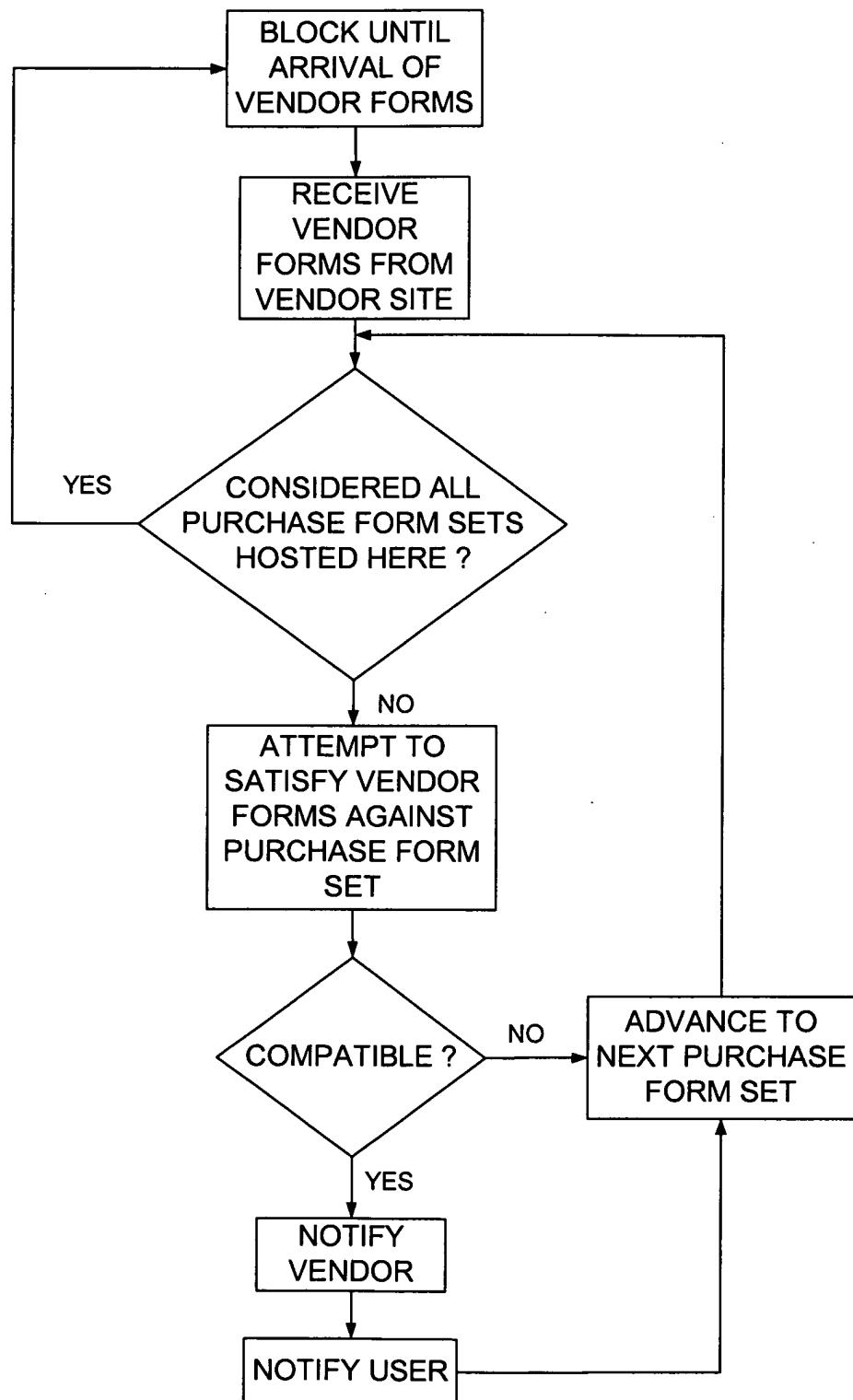


FIG. 7

REPLACEMENT SHEETS

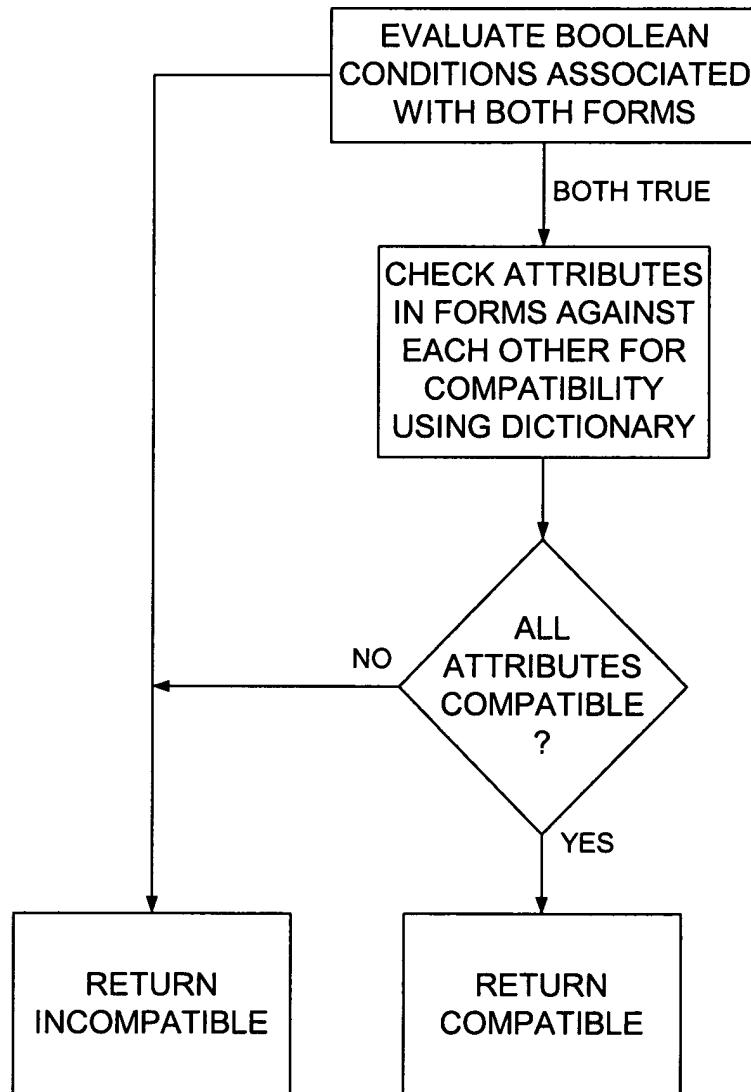


FIG. 8

REPLACEMENT SHEETS

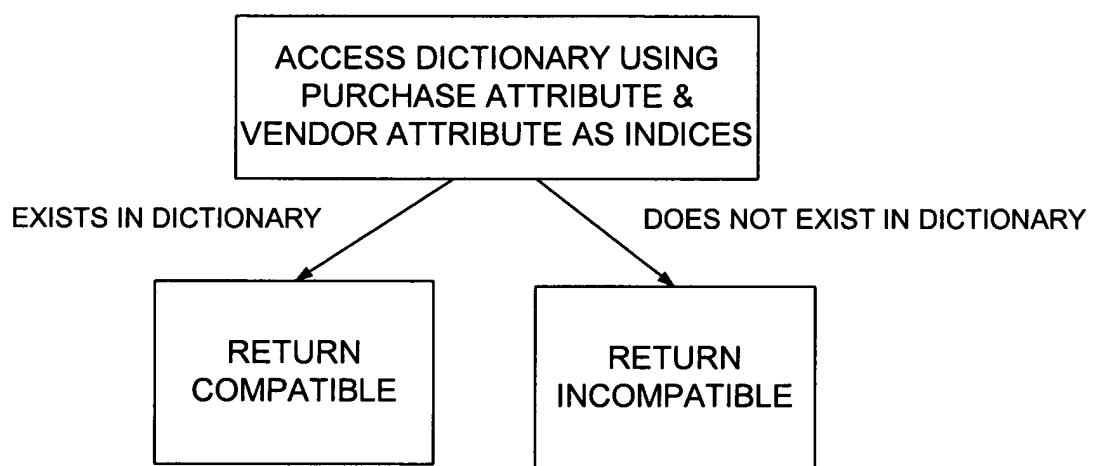


FIG. 9

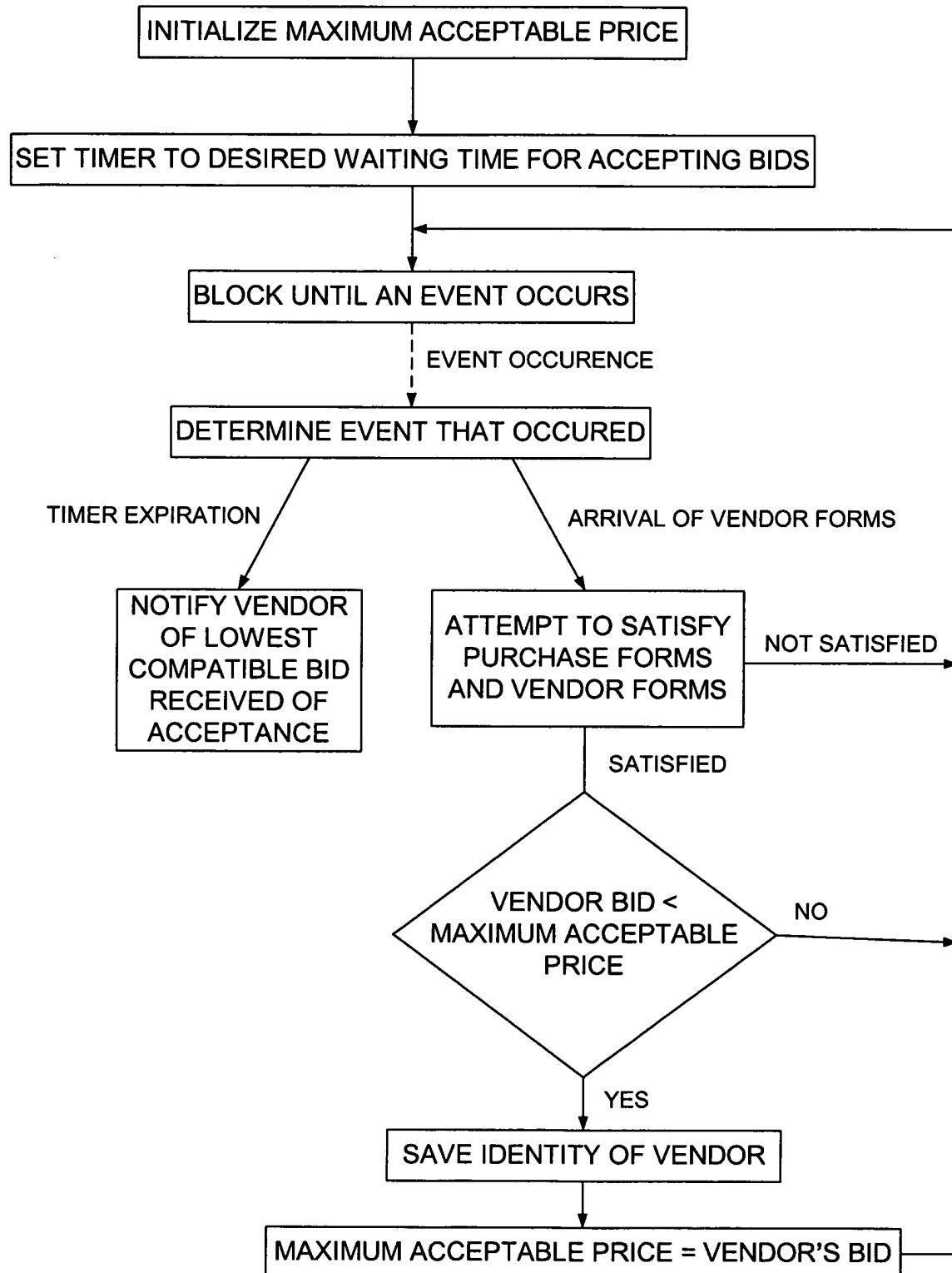


FIG. 10

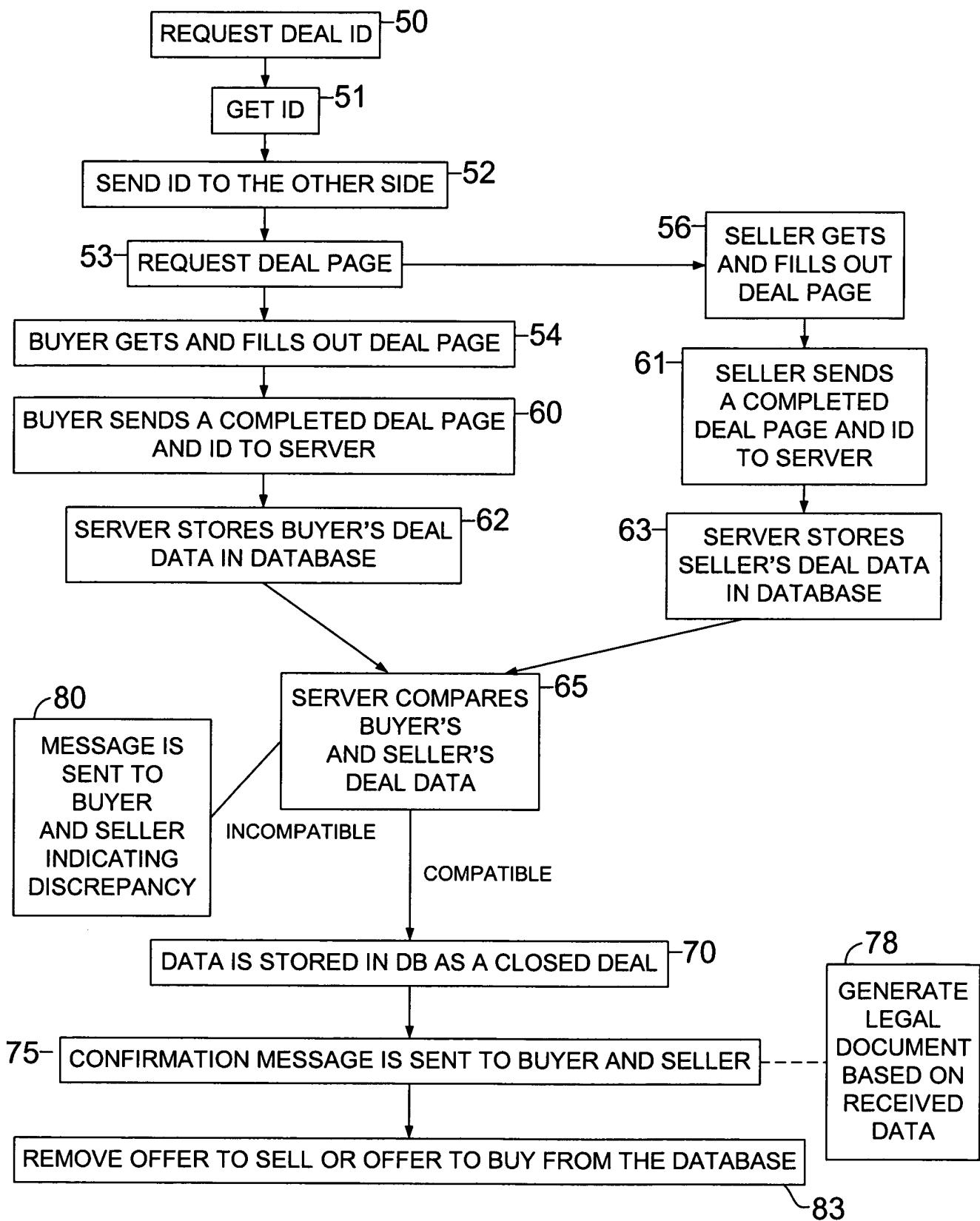


FIG. 11

REPLACEMENT SHEETS

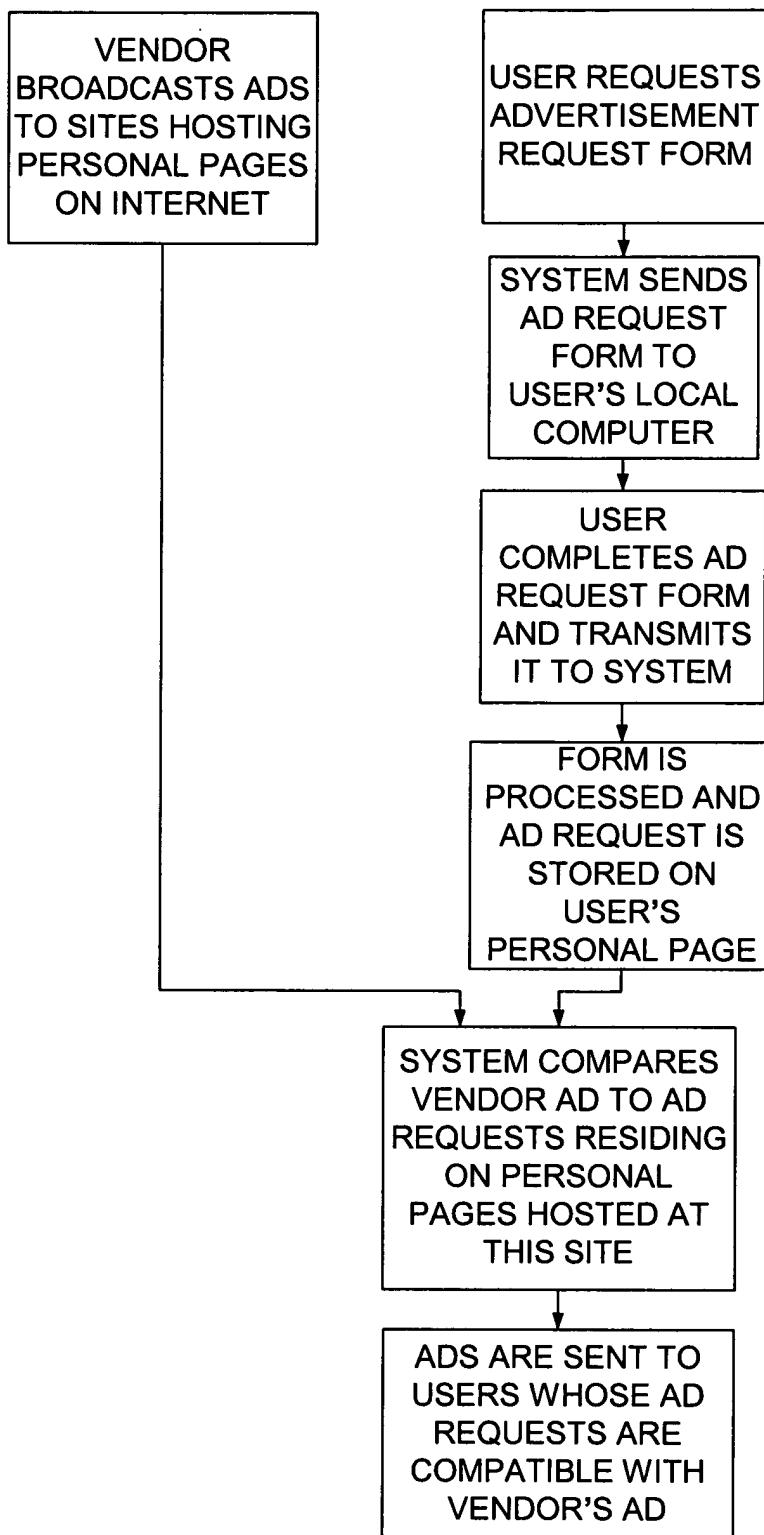


FIG. 12

REPLACEMENT SHEETS

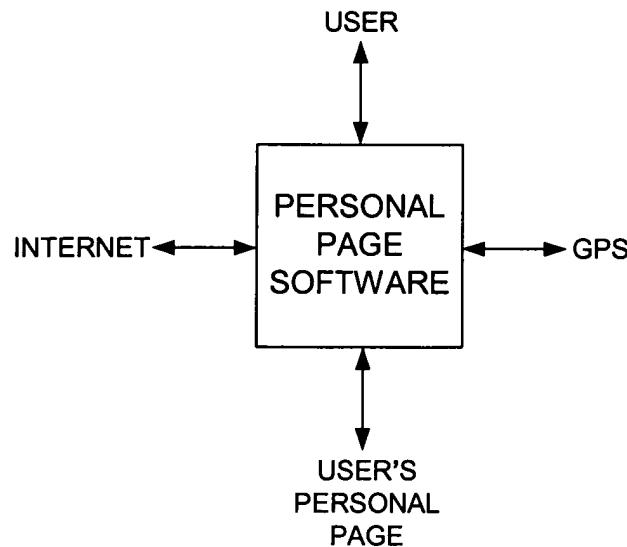


FIG. 13

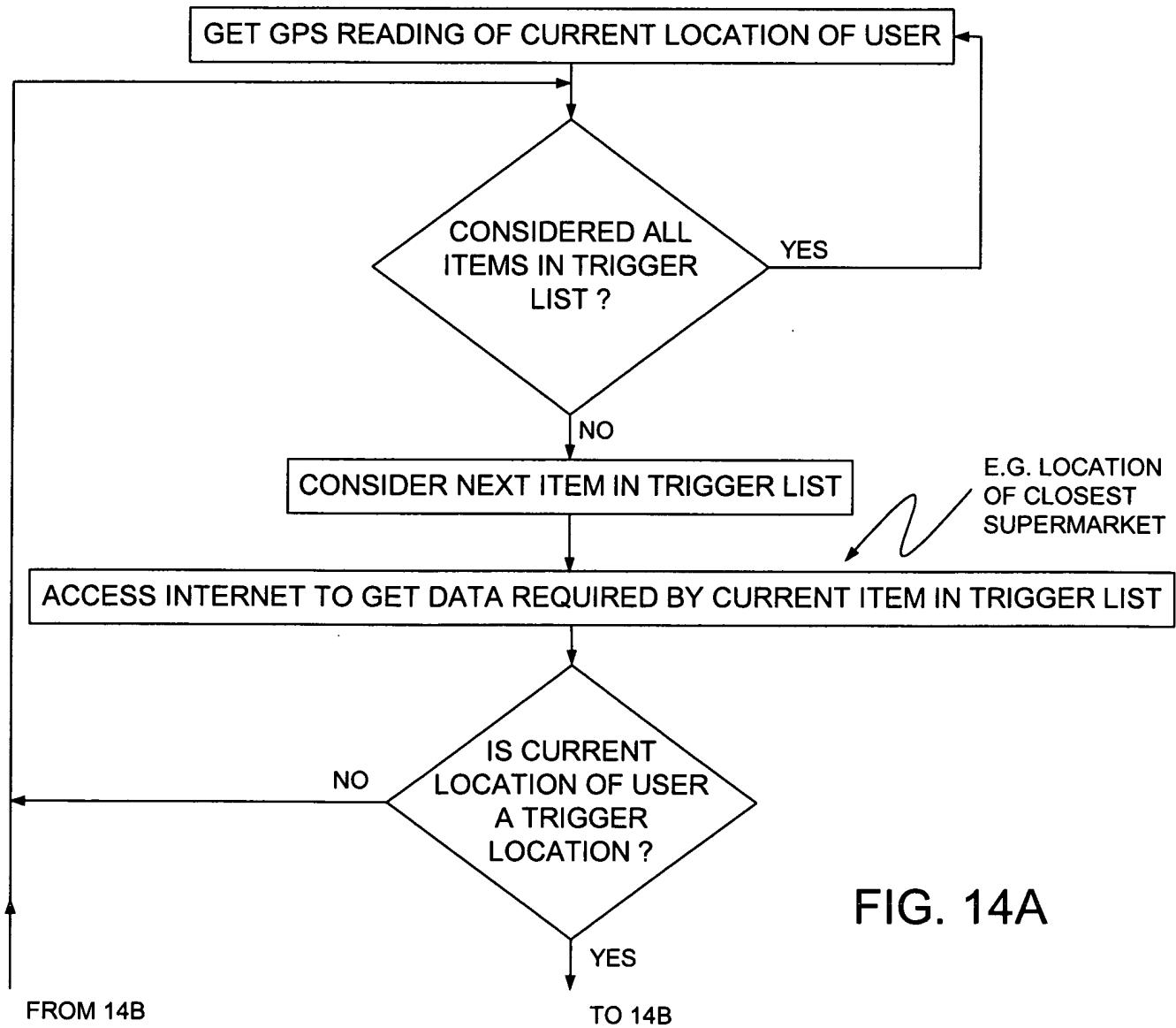


FIG. 14A

REPLACEMENT SHEETS

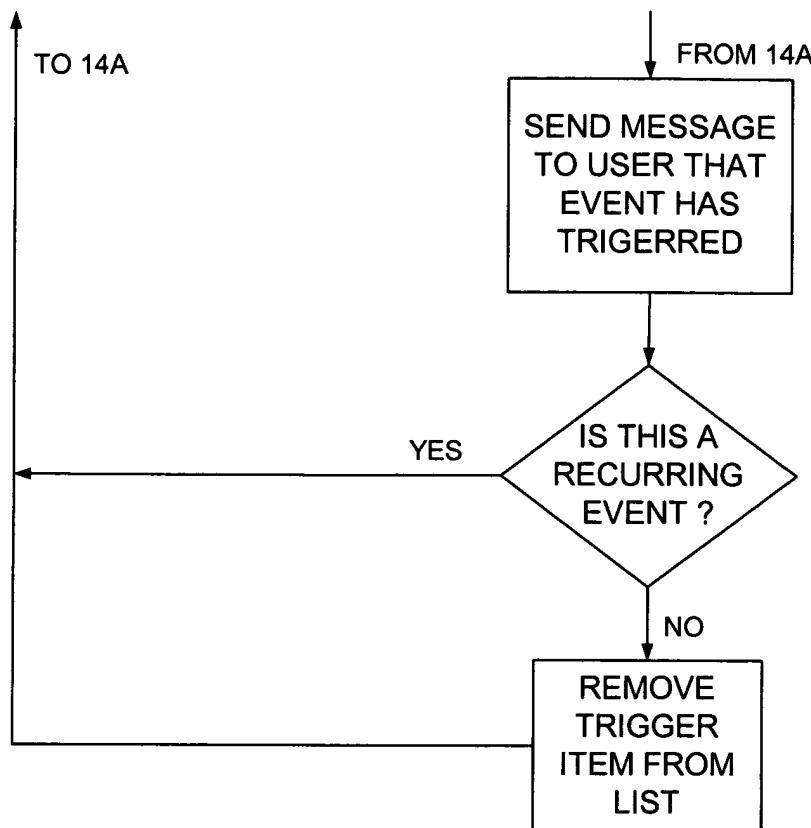


FIG. 14B

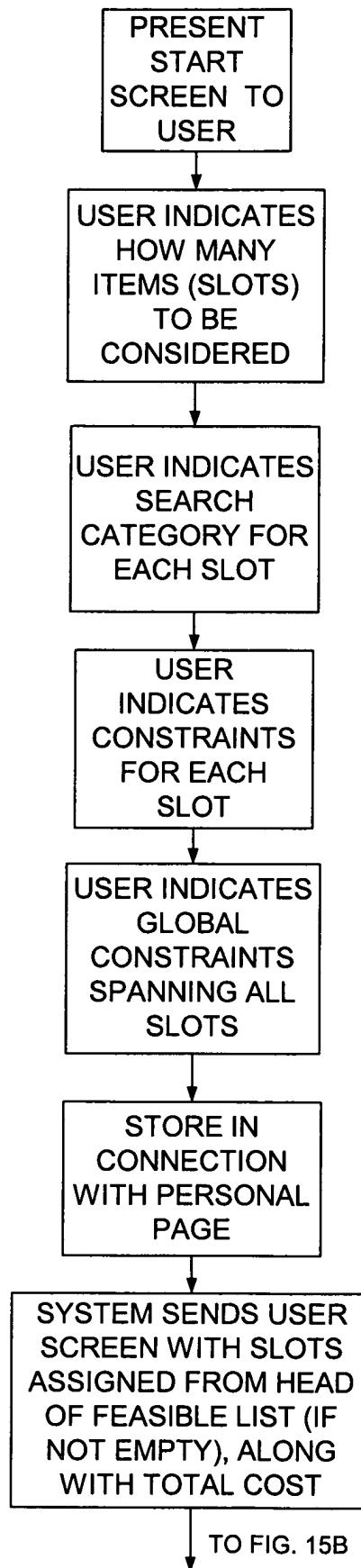


FIG. 15A

REPLACEMENT SHEETS

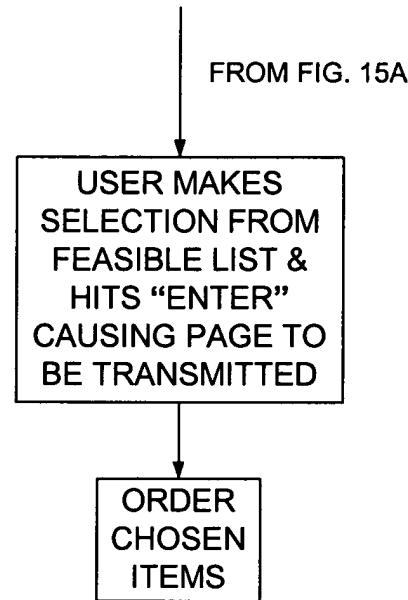


FIG. 15B

REPLACEMENT SHEETS

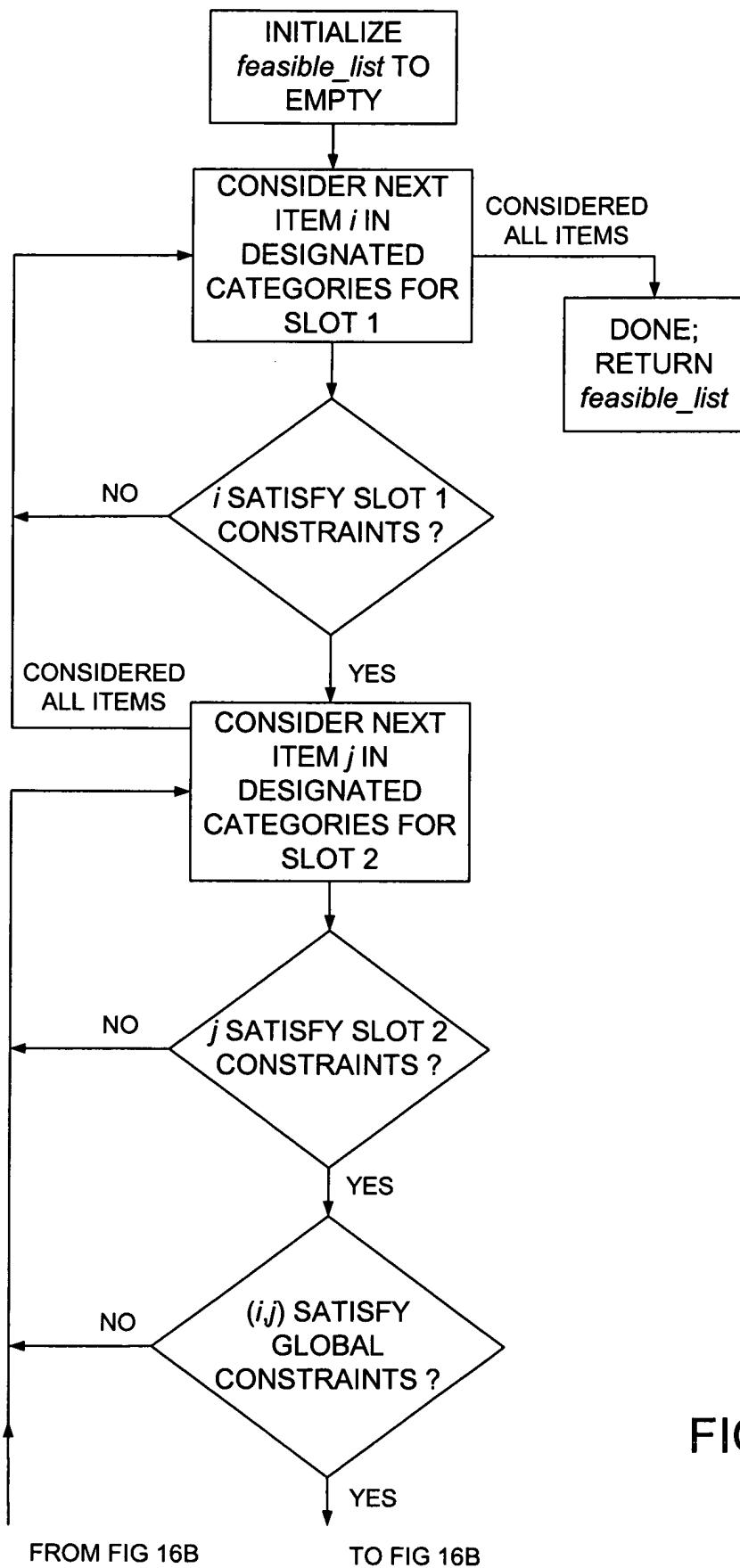


FIG. 16A

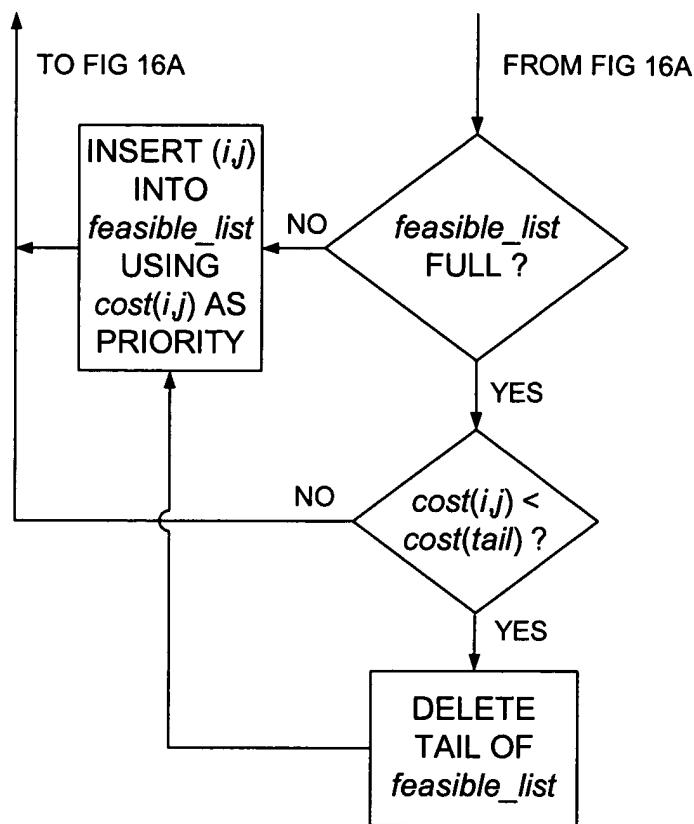


FIG. 16B

```
feasible_list = empty;           // priority queue; cost(a,b) is priority

for (i ranging over items in its designated categories)

    if (i satisfies slot 1 constraints)

        for (j ranging over items in its designated categories)

            if (j satisfies slot 2 contraints)

                if ( (i,j) satisfies global contraints)

                    if feasible_list not full

                        insert (i,j) and cost(i,j) into feasible_list;

                    else if ( cost(i,j) < cost(tail) )

{

    delete tail from feasible_list;
    insert (i,j) and cost(i,j) into feasible_list;

}

return (feasible_list);
```

FIG. 16C

REPLACEMENT SHEETS

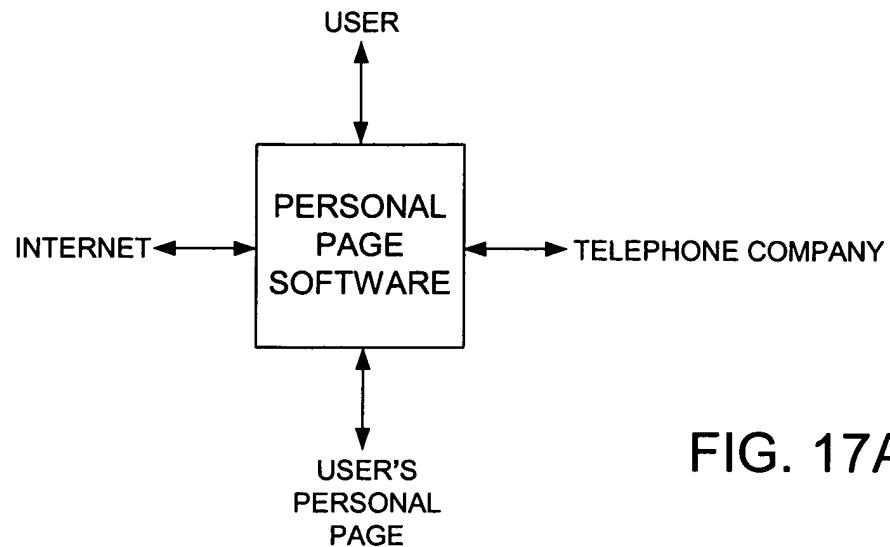


FIG. 17A

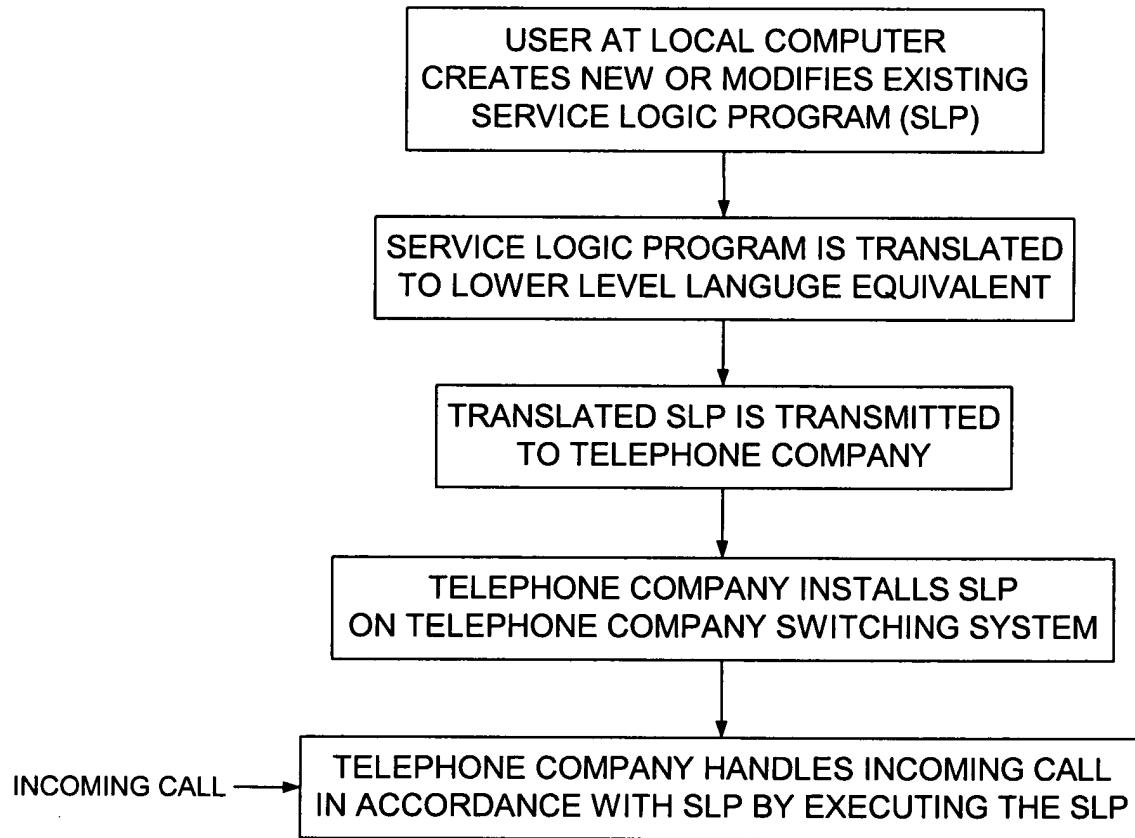


FIG. 17B

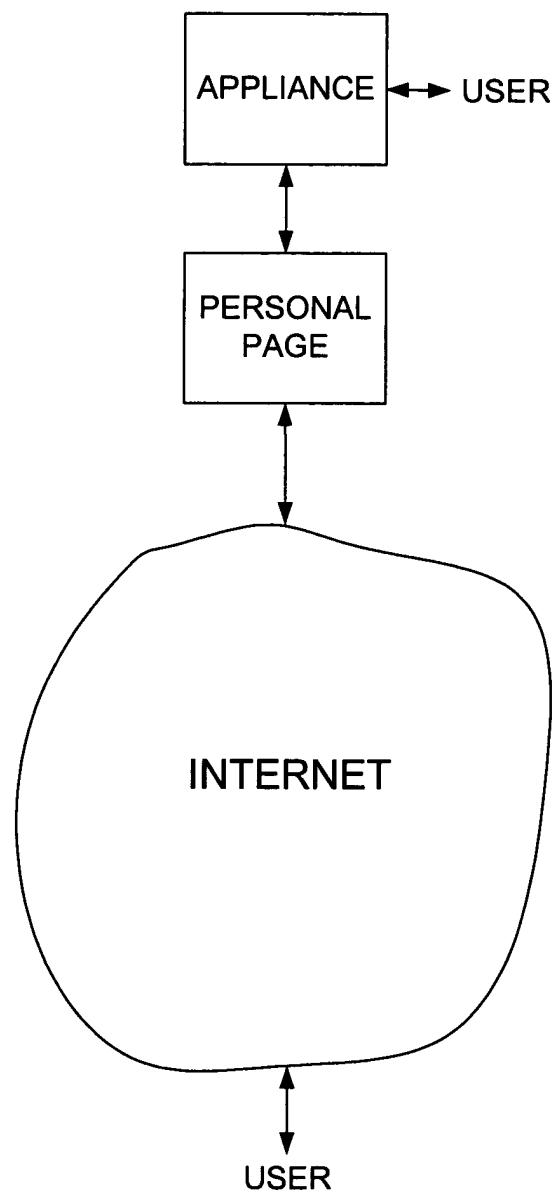


FIG. 18

REPLACEMENT SHEETS

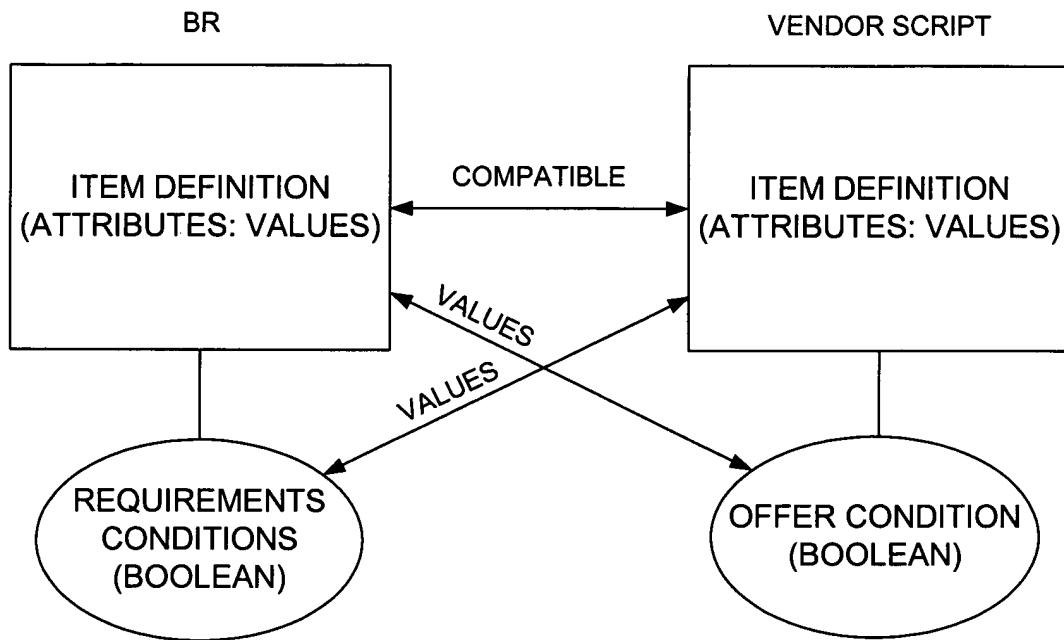


FIG. 19

REPLACEMENT SHEETS

```
{ ACCEPT_BR || ACCEPT_VENDOR_SCRIPT || MATCHMAKER  
|| SERVICE_ACTIVATION_LIST || SERVICE_SCRIPT_LIST }
```

FIG. 20

REPLACEMENT SHEETS

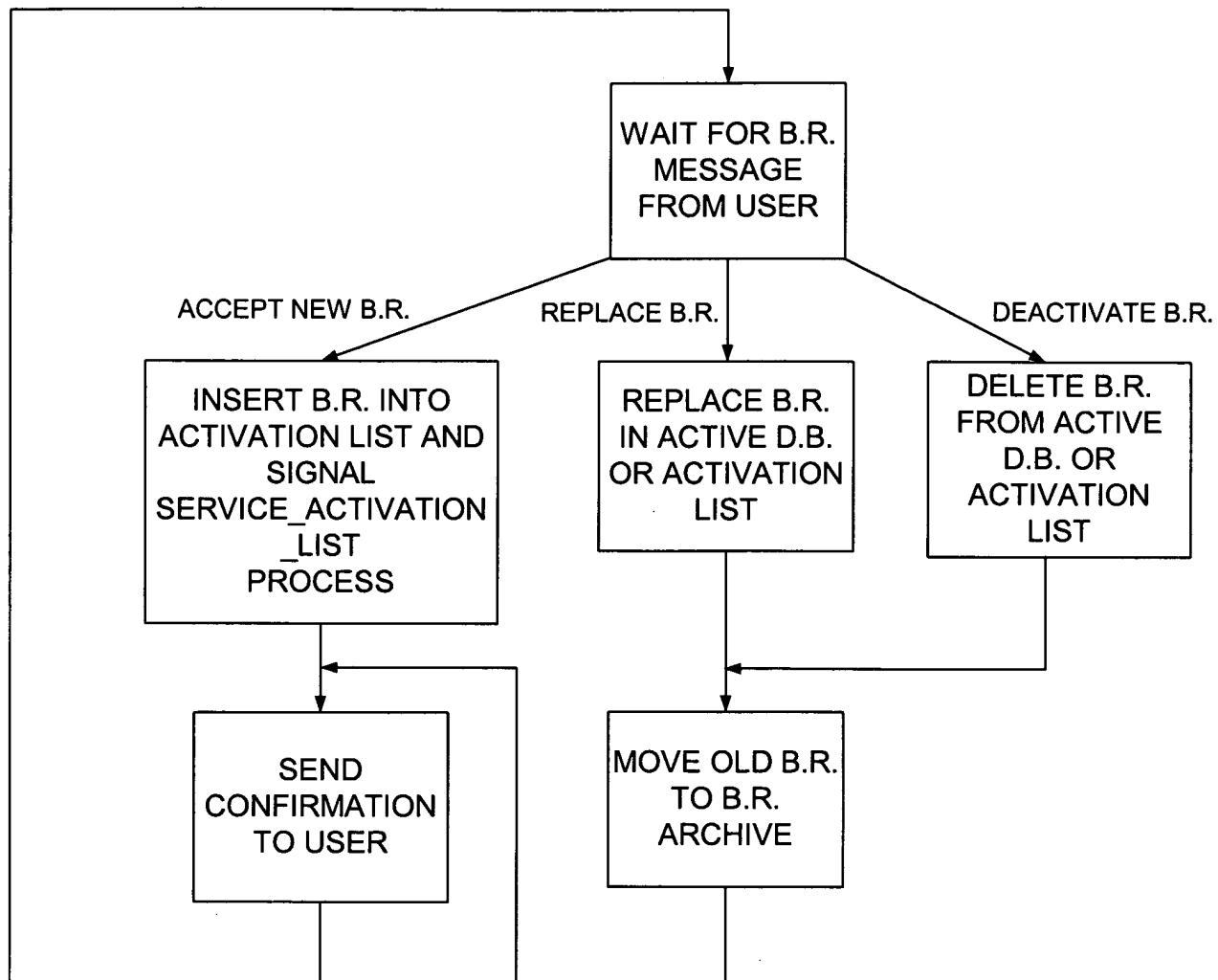


FIG. 21

REPLACEMENT SHEETS

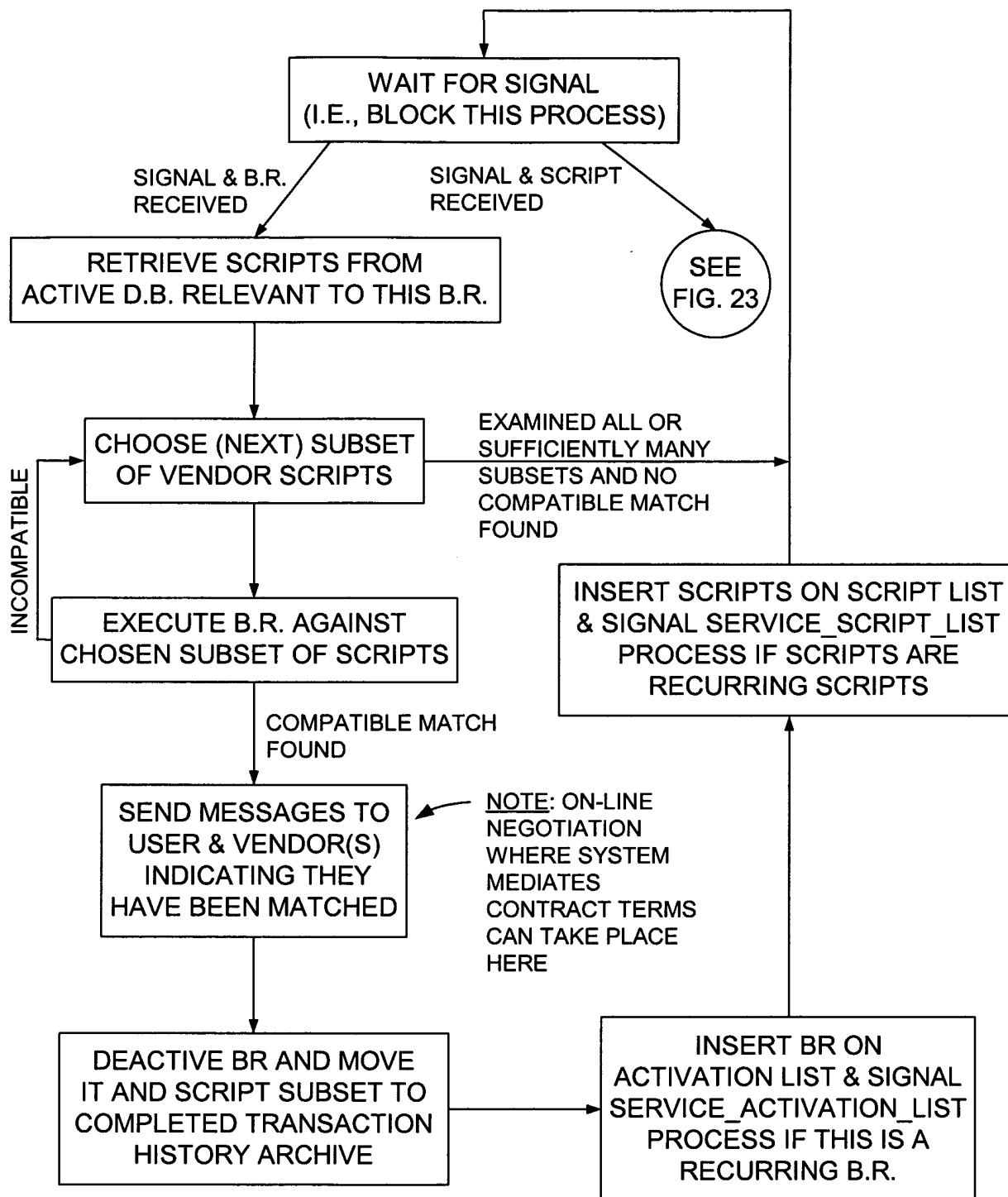


FIG. 22

REPLACEMENT SHEETS

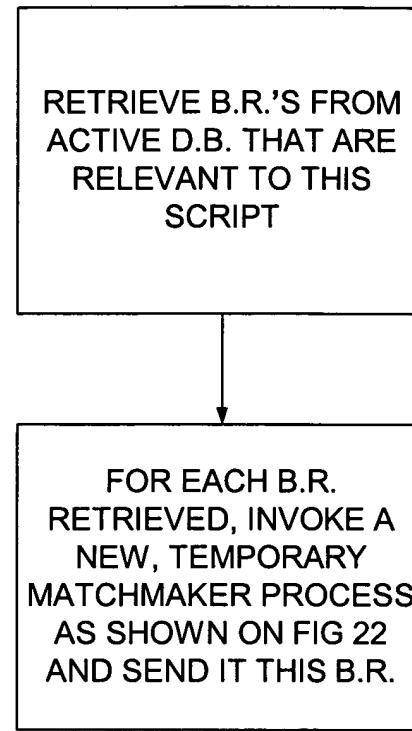


FIG. 23

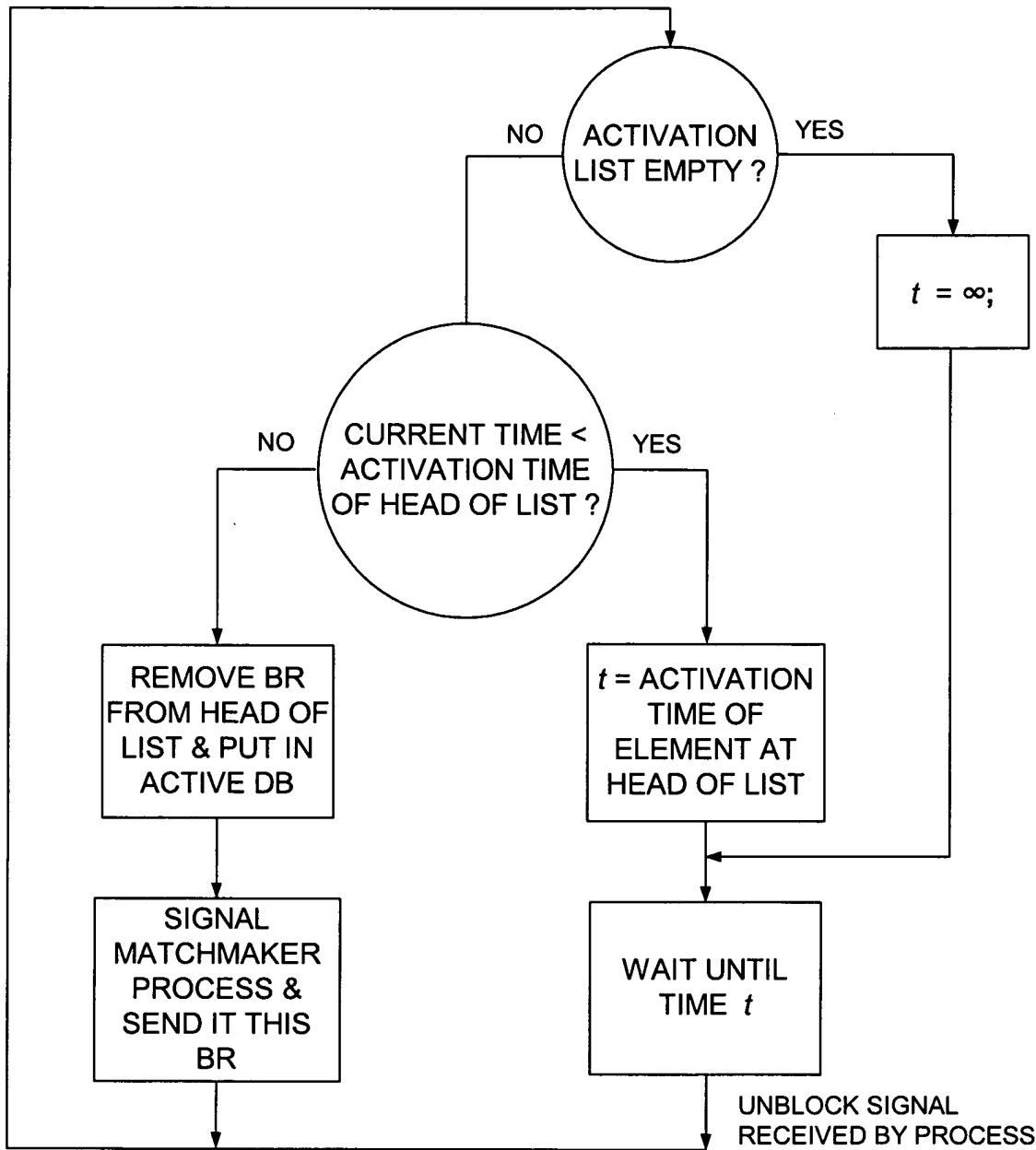


FIG. 24